EXHIBIT B

IN THE UNITED STATES DISTRICT COURT FOR THE DISTRICT OF MASSACHUSETTS

United States of America, et al, Plaintiffs,

Case No. 1:23-cv-10511

v.

JetBlue Airways Corporation,

and

Spirit Airlines, Inc.,

Defendants.

HIGHLY CONFIDENTIAL – SUBJECT TO PROTECTIVE ORDER

AMENDED EXPERT REPORT OF GAUTAM GOWRISANKARAN, PH.D.

July 7, 2023

Table of contents

| 1. Qualifications and assignment | 5 |
|---|-----|
| 1.1. Qualifications | 5 |
| 1.2. Assignment | 6 |
| 2. Summary of opinions | 6 |
| 3. Background | 9 |
| 3.1. Competition in the US airline industry | 9 |
| 3.1.1. How airlines set routes, schedules, product attributes, and prices | - |
| 3.1.2. Business models in the US airline industry | |
| 3.1.3. Foreign carriers on international routes relevant for the proposed merger | |
| 3.2. The Defendants and their operations | |
| 3.2.1. JetBlue | |
| 3.2.2. Spirit | |
| 4. Market definition | |
| 4.1. Economic principles of market definition | 28 |
| 4.2. Product market | 30 |
| 4.3. Geographic market | 33 |
| 4.4. The proposed markets pass the hypothetical monopolist test | 37 |
| 5. High market shares and concentrations | 42 |
| 5.1. Overview of market share and HHI measures | 43 |
| 5.2. Shares and HHIs in overlap markets | 46 |
| 5.3. Large changes in concentrations in overlap markets reflect large incentives to raise prices po | 0 , |
| are a strong indication of likely harm to competition | |
| 5.3.1. UPP and GUPPI statistics can quantify this incentive in overlap markets | 52 |

| 6. Analytical framework and types of evidence to evaluate the likely competitive effects of the Sp merger | |
|---|---|
| 6.1. Analytical framework | 59 |
| 6.2. Empirical evidence that can be applied in this framework to evaluate the likely competitive effect proposed merger | |
| 6.3. Other types of evidence that can be applied in this framework to evaluate the likely competitive e proposed merger | |
| 7. Competitive effects | 74 |
| 7.1. Evidence of head-to-head competition between JetBlue and Spirit | 77 |
| 7.1.1. Ordinary course materials demonstrate substantial head-to-head competition between JetE 7.1.2. Empirical evidence demonstrates substantial competition between JetBlue and Spirit | - ' |
| 7.2. Spirit affects competitive outcomes in ways that benefit consumers and that would be lost after the | ne merger95 |
| 7.2.1. Spirit offers low prices7.2.2. Spirit's competitors lower prices in response to competition from Spirit7.2.3. Spirit expands the number of travelers in the market | 104 |
| 7.3. Evidence of Spirit's importance to mitigating risks of coordination or accommodating conduct | 111 |
| 7.3.1. Features of the airline industry make it susceptible to coordination or parallel accommodation. 7.3.2. Spirit has an incentive to disrupt coordinated conduct, and by eliminating the incentives the Spirit's business model, the proposed merger would increase the likelihood and effectiveness of common relevant markets. 7.3.3. The proposed merger may also make JetBlue more likely to engage in coordination with other proposed. | at derive from oordination in 119 |
| 7.4. Evidence refutes Defendants' claim that JetBlue is more effective than Spirit at turning planes or resources into competitive effects | other scarce |
| 7.5. If the merger were approved, consumers—especially cost-conscious ones—would suffer harm—a billion in total on an annual basis—even if taking at face value Defendants' core rationale for the deal 7.5.1. Quantifying total consumer harm and average harm per passenger | approximately \$1 |
| 7.5.2. The harm from the lost competition from Spirit will likely fall disproportionately on the mo conscious consumers | st cost- |
| 7.6. Additional effects where standalone Spirit had planned growth | 163 |
| 7.7. Additional effects that will arise from JetBlue's alliance with American, if that alliance were to corafter an appeal | _ |
| 8. I have not seen evidence that entry or efficiencies will mitigate the competitive effects of the parties of | 168 |
| 9.1. Data on prices and quantities | |
| 9.1.1. Overview | |
| 9.1.2. DB1B processing | 173 |
| 0.1.3 DB1B and OAG combined processing for shares and HHIs | 17/ |

Case 1:23-cv-10511-WGY Document 219-2 Filed 09/26/23 Page 5 of 6

| 9.1.4. Ticket data processing |
|--|
| 9.2. JetBlue and Spirit prices over time, additional sensitivities |
| 9.3. Price changes on short routes, using all-inclusive price |
| 9.4. Shares and HHIs in all nonstop overlap markets |
| 9.5. Comparison of Spirit to competitor fares in the Hartford, CT – Miami, FL, using ticket data and all-inclusive price |
| 9.6. Comparisons of carriers' prices that adjust for stage length |
| 9.7. Competitor response to Spirit entry, using all-inclusive price |
| 9.8. Entry study robustness checks related to the availability of competitor basic economy products |
| 9.9. Effect of Spirit entry per "plane," using the all-inclusive price |
| 9.10. Quantification of total consumer harm, using unweighted regression results |
| 9.11. Quantification of total consumer harm, using the all-inclusive price |
| 9.12. Distribution of fares, before and after Spirit entry, Hartford, CT – Miami, FL, using all-inclusive price205 |
| 9.13. Competition from Spirit reduces prices paid by consumers and the effect is particularly pronounced for the least expensive tickets, unweighted |
| 9.14. Comparability of JetBlue and Spirit entry markets to markets in which harm will likely arise as a result of the proposed merger |

customers. Specifically, I identify a significant portion of customers—including particularly cost-conscious customers—who would likely be harmed even if, again taking Defendants' plans for Spirit's assets at face value, other consumers might benefit to an equal or greater extent in certain markets, thus suggesting aggregate benefits in those markets. (§ 7.5.2)

7.5.1. Quantifying total consumer harm and average harm per passenger

289. In this section, I focus on total consumer harm and average harm per passenger in each market currently served nonstop by Spirit. I highlight evidence that the merger likely creates significant harm in nonstop overlaps, mixed overlaps, and non-overlaps. My approach takes many of Defendants' assertions and assumptions at face value, even though I do not agree with these assertions or assumptions. For example, I consider both the harm that arises from the loss of competition when Spirit's product and business model are removed from markets, as well as the potential offsetting benefits that may arise under the assumption that Defendants redeploy Spirit's aircraft under the JetBlue business model on the same routes. However, because the merged firm has an incentive to reduce capacity in overlap markets, as I discussed in Section 5.3.1, this assumption makes my analysis conservative. My approach also allows me to take seriously, and in the process directly refute, one of Defendants' core rationales for the deal—that reallocating Spirit planes to JetBlue would result in a procompetitive efficiency.

290. As above, I use an entry study framework that addresses the effect of competition from Spirt and JetBlue on market prices. Spirit's entries are informative about the extent to which prices decrease as a result of competition from Spirit, and conversely, provide an indication of the extent to which prices would increase and consumers would be harmed following the elimination of Spirit as an independent competitor through the proposed merger. Similarly, JetBlue entries are informative about the extent to which there could be offsetting efficiencies that arise from a larger post-merger JetBlue.

291. My entry analysis here is designed to implement the comparison of effects that Defendants have suggested justifies the proposed merger but it corrects their analysis by including controls for the resources involved in generating those effects, namely the number of "planes" that the entrant deploys (as in Section 7.4, I will use "planes" as shorthand for Spirit's planes, pilots, and any